Qualified Recycling Program

DoD Perspective

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Office of Deputy Under Secretary of Defense (Installations & Environment)

January 26, 2009

Outline

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II. OSD Program/Policy
III. Oversight
IV. Solid Waste/Recycling Work Group
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Office of Secretary of Defense Structure

I. Secretary of Defense
II. Under Secretary of Defense (Acquisitions, Logistics, & Technology)
III. Deputy Under Secretary of Defense (Installations and Environment)
IV. Assistant Deputy Under Secretary of Defense (Environment, Safety & Occupational Health)
V. Environmental Management

Office of the Secretary of Defense

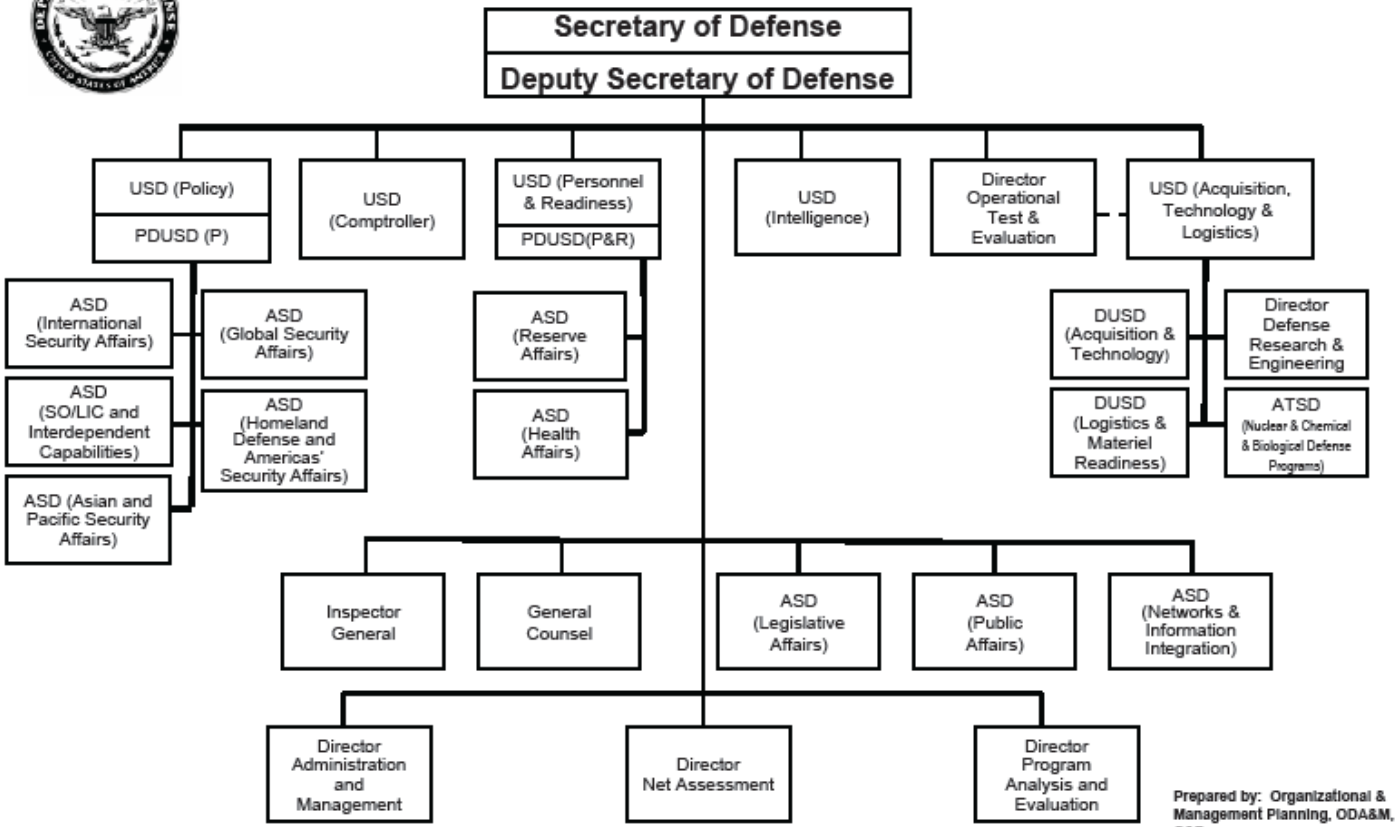

Chart reflects PAS officials and those reporting directly to the Secretary and Deputy Secretary of Defense

Prepared by: Organizational & Management Planning, ODA&M, OSD
Date: January 2008

UNDER SECRETARY OF DEFENSE (ACQUISITION, TECHNOLOGY AND LOGISTICS)
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DIR, ACQUISITION RESOURCES & ANALYSIS
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3C949A 614-5737

DIR, INTERNATIONAL COOPERATION
Mr. Alfred Volkman
3A280 697-4172

DIR, SPECIAL PROGRAMS
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Mr. Alex Beehler
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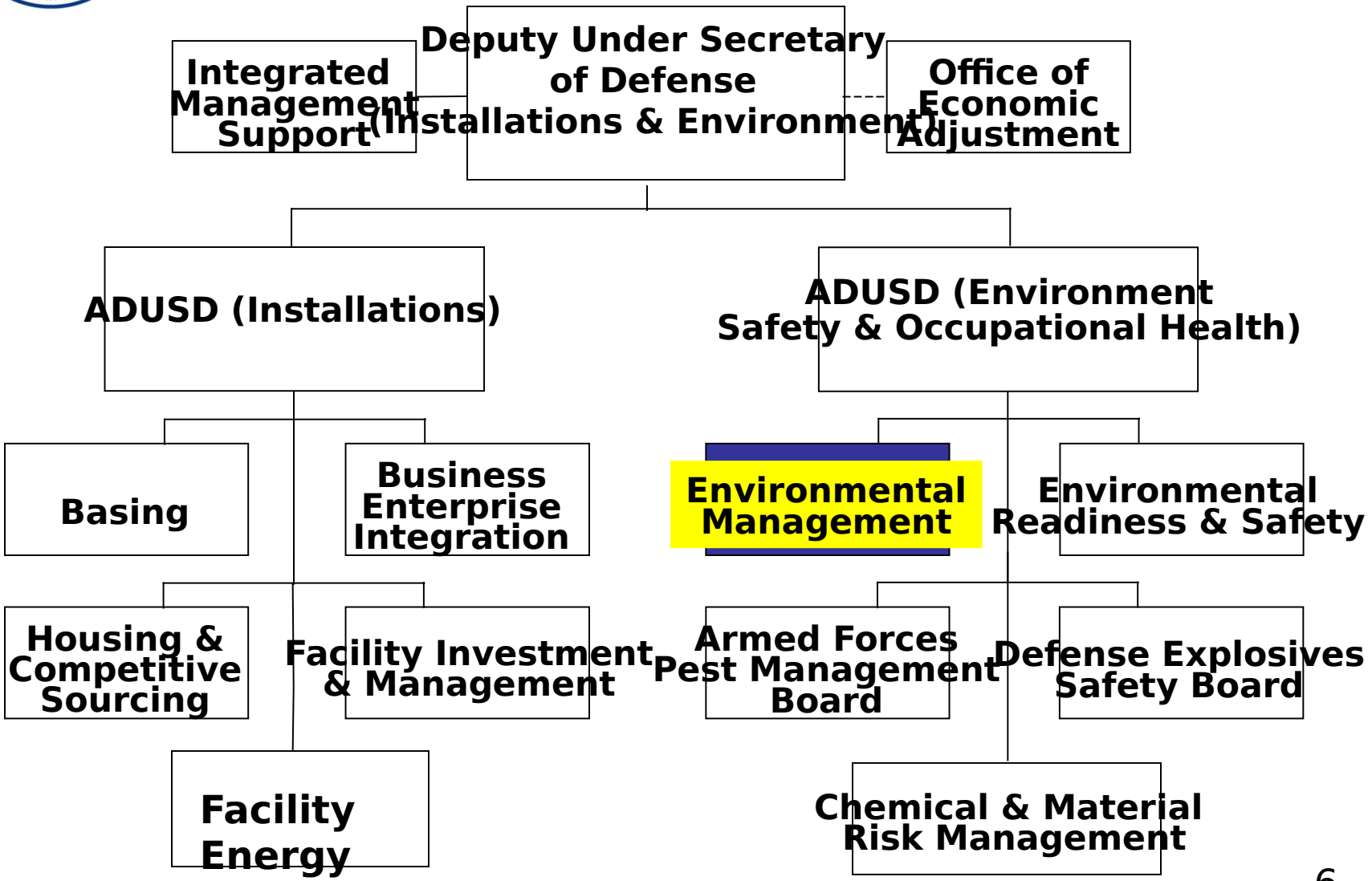
OFFICE OF ECONOMIC ADJUSTMENT
Mr. Patrick O'Brien
400 AND 604-6020

As of 2008

ODUSD(I&E) Organizational Chart



Environment Management

I. Vision - plan and execute all mission activities in a manner that ensures protection of human health and the environment to sustain indefinitely the resources required to support the readiness of our armed forces.

II. Responsibility – provide program policy, oversight, and advocacy.

Environmental Management

I. Cleanup
II. Natural Resources Conservation
III. Historic Preservation
IV. Compliance
V. Pollution Prevention
VI. Native Americans
VII. Pest Management Board

OSD Solid Waste/Recycling Program

I. DoD Instruction 4715.4, “Pollution Prevention,” June 18, 1996

A. Established environmental hierarchy

1. Source reduction/elimination
2. Reuse/recycle
3. Treatment
4. Disposal

B. Required establishment of cost-effective waste prevention and recycling programs to reduce non-hazardous solid waste

OSD Solid Waste/Recycling Program

C. Defined Recyclable materials to include paper, newspaper, cardboard, plastic, metal cans, glass, used oil, batteries, and tires.

D. Defined “Excluded Materials” from recycling to include precious metals, hazardous waste, fuels, material required to be demilitarized or mutilated, scrap from demilitarization, Munitions List items, and Commerce Control items.

OSD Solid Waste/Recycling Program

II. Executive Order 13423, “Strengthening Federal Environmental, Energy, and Transportation Management,” January 24, 2007

A. Establish solid waste diversion goals to be achieved by 2010

B. Maintain waste prevention and recycling programs in most cost-effective manner

C. DUSD(I&E) memo dated February 1, 2008 established goals and new integrated solid waste management policy

OSD SW/R Program

III. 2007 Defense Installation Strategic Plan

A. Goal 2 - Right Quality, Objective 2.2 – Retain, restore and acquire cost effective, sustainable, energy-efficient, and safe infrastructure that meets anticipated operational requirements over expected service life.

B. Outcome – Environmental compliance enhances natural infrastructure capability to support mission

- Measurement - achieving 40% diversion rate for non-hazardous solid waste.

OSD SW/R Program

IV. Other Policy and Guidance (not inclusive)

A. 10 USC Section 2577 – disposal of recyclable materials

B. 32 CFR 172 – disposal of proceeds from DoD sales of surplus personal property

C. 22 CFR 121 – US Munitions list

D. 15 CFR 774 – Commerce Control list

E. DoD 700.14-R – DoD Financial Management Regulations (Vol IIA, Chapter 5)

F. DoD 4160.21-M – Defense Materiel Disposition Manual (Chapters 4 & 7)

G. DoD 4160.21-M-1 – Defense Demilitarization Manual

H. DoDI 2030.08 – Implementation of Trade Security Controls for Transfers of DoD US Munitions List and Commerce Control List Personal Property to Parties Outside DoD Control

Oversight

I. Metrics

A. ADUSD(ESOH) Memo dated 10/12/04

1. Per capita generation non-hazardous solid waste
2. Diversion rate of non-hazardous solid waste with and without construction & demolition (C&D) debris
3. Economic benefit
4. Goal – continuous improvement

B. E.O. 13423 (2007)

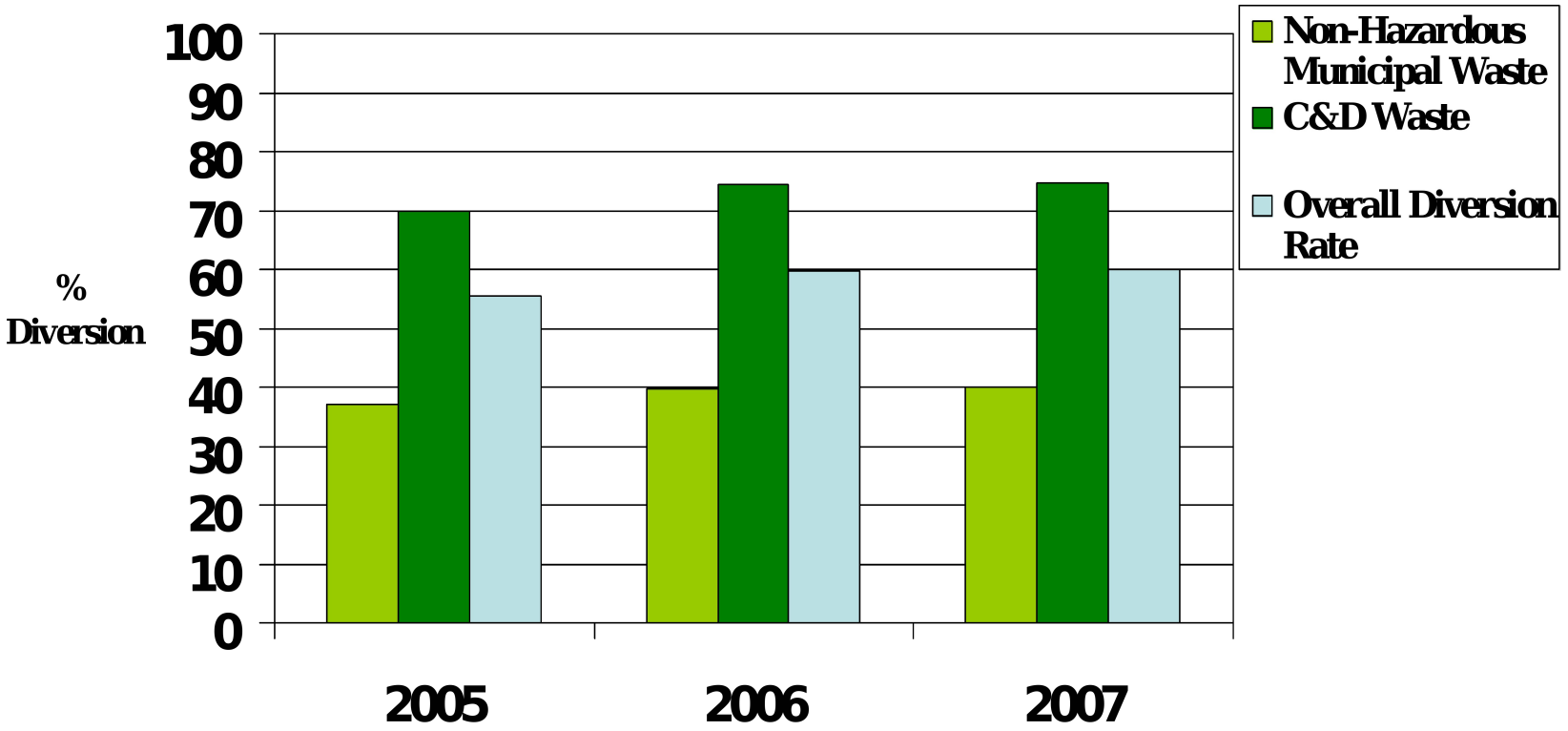
1. Specific diversion goals by 2010
2. DoD Integrated Solid Waste Management Policy established 40% non-hazardous solid waste and 50% for C&D debris

Oversight

C. Reporting Requirements

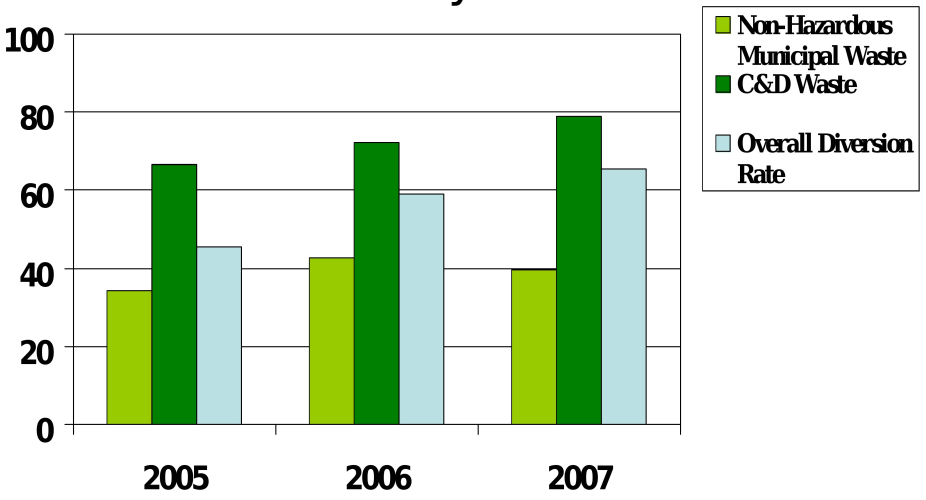
1. OSD semi-annual **Environmental Management Reviews** – metrics and other hot issues
2. **Annual Report to Congress** on Defense Environmental Programs
3. **Executive Order Scorecard** – semi-annual report to Office of Management and Budget
4. **RCRA 6002 biennial report to Congress** – Federal agency compliance with recycled content and bio-based procurement requirements

DoD Solid Waste Diversion Rate

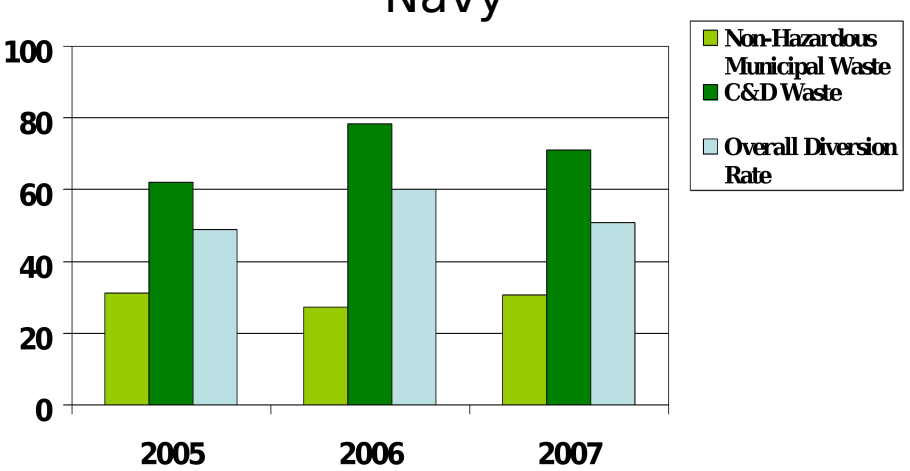


Solid Waste Diversion Rates (%)

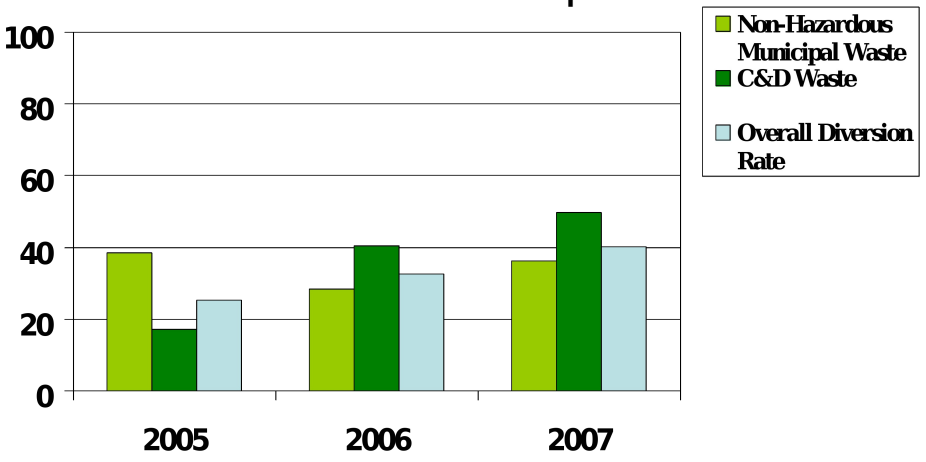
Army



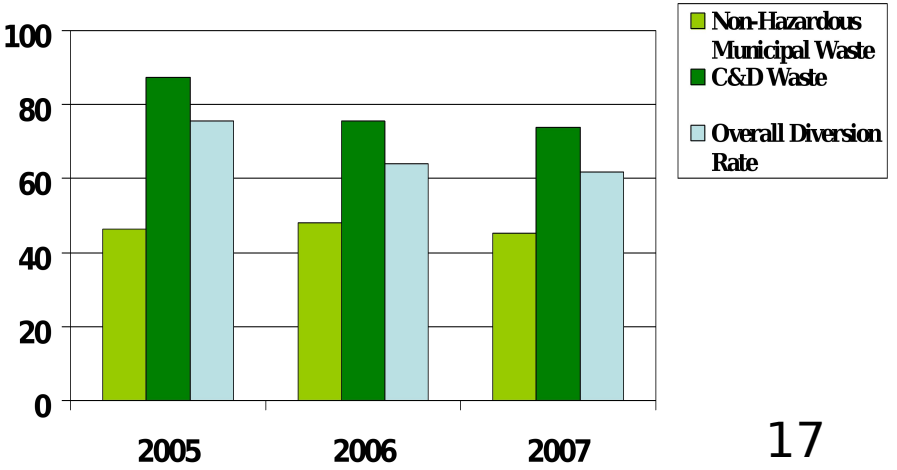
Navy



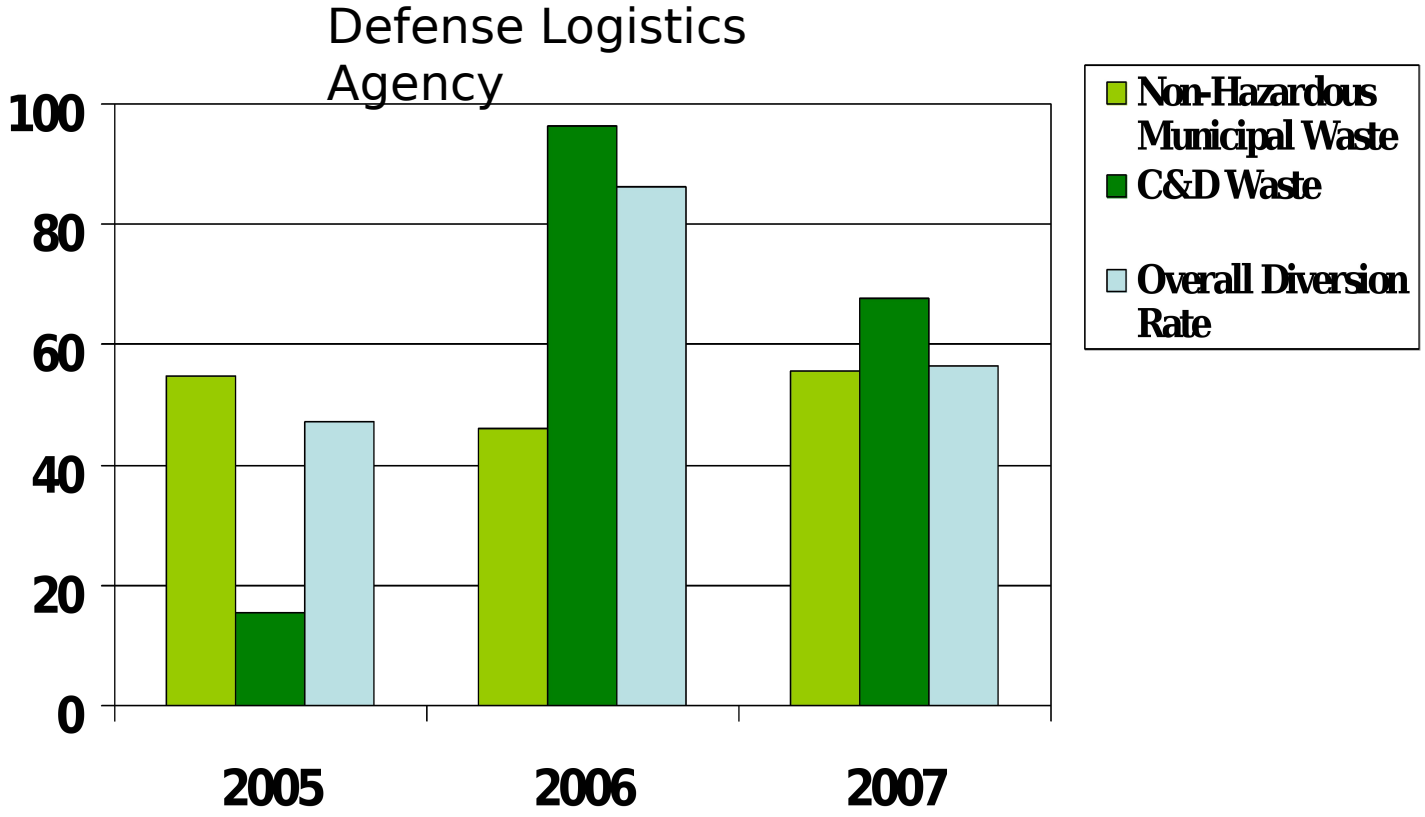
Marine Corps



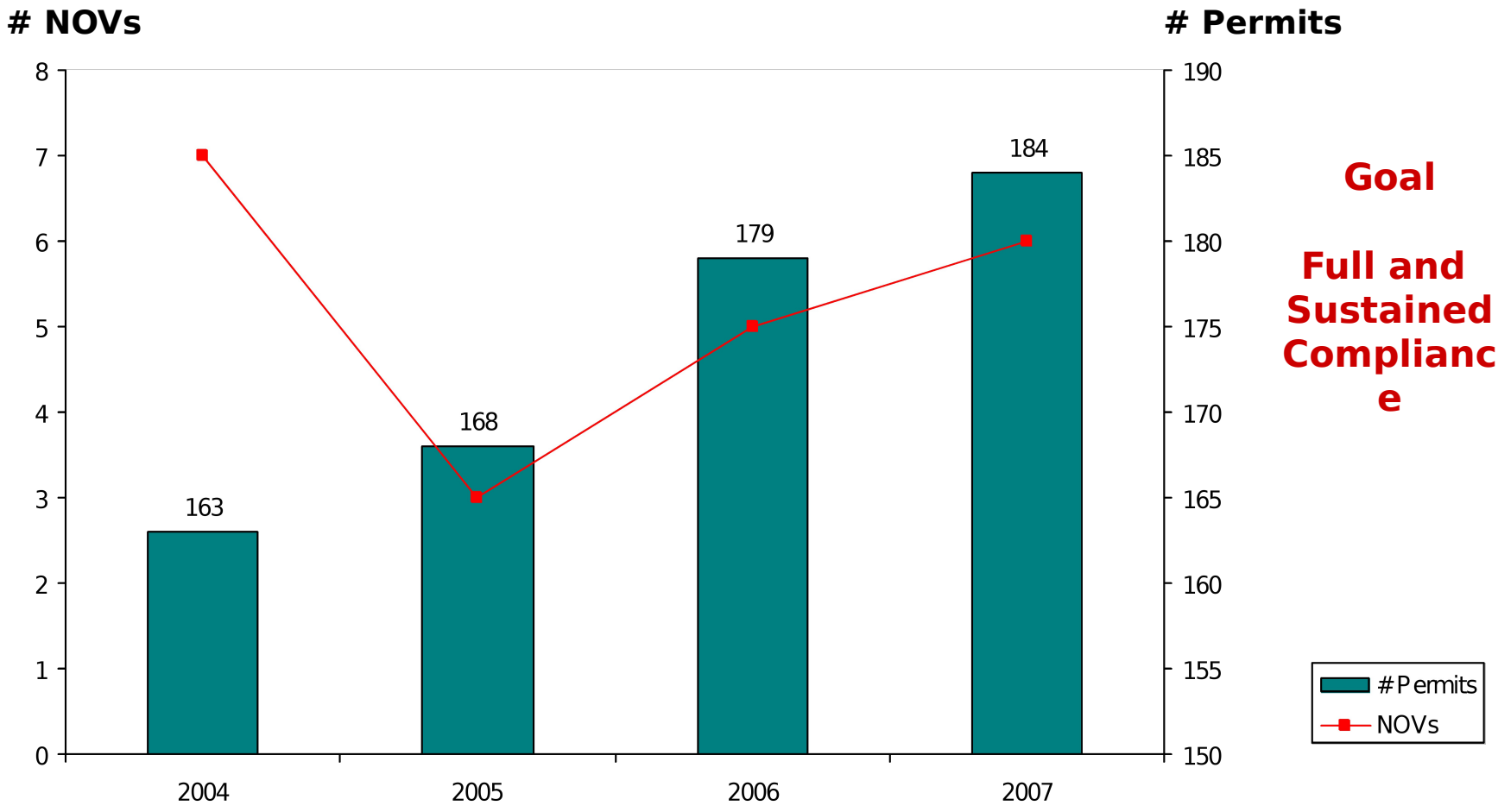
Air Force



Solid Waste Diversion Rates (%)



RCRA D Compliance



Goal

Full and Sustained Compliance

Combined Services Solid Waste/Recycling Workgroup

I. Purpose

A. Make recommendations for improving DoD policy and oversight

B. Review proposed legislation and regulations

C. Provide coordinated DoD Component ideas, information, technical support, and comments on solid waste/recycling issues

D. Develop initiatives that sustain compliance and reduce program costs

Combined Services Solid Waste/Recycling Workgroup

II. Membership – DoD Component headquarters offices and ODUSD(ESOH)

A. Army – HQDA/DAIM-ODF; AEC

B. Navy – ODASN(E); CNO-N45

C. Air Force – HQ USAF/AFCAQ; AFCEE/TDNQ

D. Marine Corps – HQMC

E. Defense Logistics Agency - HQ

Combined Services Solid Waste/Recycling Workgroup

III. Successes

A. Qualified Recycling Program Training

1. Army championed development, DoD Components provided initial resources
2. Workgroup continually provided input
3. Air Force agreed to sponsor training and continues with development
4. Next step is ISEERB approval

Combined Services Solid Waste/Recycling Workgroup

B. Integrated Solid Waste Management Policy, Feb 1, 2008

1. Business case analysis of 10 successful DoD recycling programs
2. Determined best practices
   a) Annual waste stream analysis
   b) Periodic market analysis
3. Developed policy to include best practices and new diversion goals

C. Metrics Development

Issues/Challenges

I. Eligibility

II. Financial concerns

III. Educational/training

Issues/Challenges

I. Eligibility- Munitions/Demil type Items
   A. Expanding beyond .50 caliber brass
   B. Smoke grenades, drones
   C. Containers for munitions or parts

II. Financial concerns
   A. Use of F3785 suspense accounts
      1. US Treasury announced discontinued use by July 2008 unless there was a waiver
      2. DoD applied and received waiver
      3. Discussions between USD (Comptroller), Office of Management & Budget, and US Treasury

Issues/Challenges

B. Return of installations proceeds from Defense Reutilization Marketing Offices (DRMOs) on eligible recycled materials

1. Proper documentation needed
2. Defense Reutilization and Marketing Service reviewing on case-by case basis

C. DRMOs returning Working Capital Fund Activity proceeds

- DRMOs must recover their costs first

Issues/Challenges

III. Educational/training

A. Continued development and updating of QRP training

B. Identifying other sources

Future Direction

I. New or possible revision of EO 13423
   A. Stronger requirements for recycling
   B. Increase diversion rates
   C. Contribution to greenhouse gases

II. DoD Sustainability Policy
   A. Revised solid waste/recycling policy
   B. New goals or metrics (zero waste)

Future Direction

III. QRP Accountability
   A. Improve training opportunities
   B. Revise compliance assessments
   C. Develop a DoD QRP Certification Program
   D. Revise metrics

IV. Other?

DoD Component HQ POCs

I. Army – Mr. Bill Eng and Rachel Dagovitz
II. Navy – Amy Walker and Greg Berry
III. Marine Corps – David Heinrichs and Jennifer Simmons
IV. Air Force – Michelle Brown and Nancy Carper
V. Defense Logistics Agency – Christine Chulick

Questions ?